

To: Williams, Mike[Mike.Williams@tetrattech.com]
Cc: Mitchell, Brian[Mitchell.Brian@epa.gov]
From: McCoy, Erin
Sent: Fri 5/20/2016 2:55:58 PM
Subject: RE: Draft QAPP for Des Moines TCE

Mike, I received comments back from Diane. They are below. I'm still waiting to see if one more person has comments, however, you can get started on these revisions. I likely will not get the remaining ones, if there are any, until May 31. When you submit the revision, please make sure that all signatures are included so that we can finalize. Signatures should include the QAQC and project managers from Tetra Tech, myself, and Diane Harris. We'll sign it after we approve it, but we can't sign it unless the other signatures are already in place. Please let me know if you have any questions. Thanks!

Critical Comments

1. Signature Page. When ready for final approval, the QAPP addendum needs to be submitted with a signed signature page.
2. § 2.5 Quality Control Requirements, page 3 in QAPP addendum. It is not clear how or if field duplicate results will be evaluated for acceptability because this section does not address the evaluation of field duplicate results and the Quality Control paragraph in Appendix A simply refers to assessing total method precision and EPA using the highest field duplicate value at their discretion. If the generic QAPP will be followed regarding field duplicates, this needs to be referenced here.
3. Table 1: Sample Summary, page 6 in QAPP addendum. For surface water samples, this table lists method SOP 3230.16 but this is for VOCs in a solid matrix rather than an aqueous one. This inconsistency needs to be corrected.
4. Table 1: Sample Summary, page 7 in QAPP addendum.
 - a. Soil field duplicates will include VOCs but no VOC method SOP is listed. This inconsistency needs to be corrected.

b. Surface water duplicates include method SOP 3250.04 but this method was archived in 2014. This inconsistency needs to be corrected.

5. Appendix A, Analytical Methods, page A-8. This section states that standard detection limits are appropriate; however, it is not clear if there are any action levels or other standards the data will be compared against or if just presence/absence is of interest.

6. Appendix A, Dust Wipe Sampling, page A-4. Twenty additional wipe samples will be collected in the Production Building. What is the reason for collecting the 20 additional samples in the Production Building (e.g., size, previous results, former activities, etc.)? Please add that these sample were requested by EPA due to lack of previous sampling.

7. Appendix A, Building Material Sampling, page A-5. Twenty additional material samples will be collected in the Production Building. What is the reason for collecting the 20 additional samples in the Production Building (e.g., size, previous results, former activities, etc.)? Please add that these sample were requested by EPA due to lack of previous sampling.

8. Appendix A, DPT Sub-slab Soil Sampling, page A-6. SOP 4230.03 and SW-846 5035 will be followed for soil samples for VOC analysis; however, SOP 4230.03 and SW-846 5035 include more than one option for sample preservation. Which option will be followed for this project?

General Comments

9. § 4.0 Data Validation and Usability, page 5. Please note SOP 2430.06 as referenced in § 4.1 and § 4.2 covers internal program reviews rather than data review procedures. Also, the START-contracted laboratory will likely follow their data review procedures rather than the R7-specific SOPs listed here.



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From: Williams, Mike [mailto:Mike.Williams@tetrattech.com]

Sent: Wednesday, May 18, 2016 4:25 PM

To: McCoy, Erin <McCoy.Erin@epa.gov>

Cc: Simpson, John <John.Simpson@tetrattech.com>

Subject: Draft QAPP for Des Moines TCE

Hello Erin:

Attached you will find the draft Quality Assurance Project Plan for Des Moines TCE (Task 0144). A hard copy will be sent out tomorrow. Feel free to contact me if you have any questions.

Best regards,

-Mike

Mike Williams | Sr. Project Manager/Hydrogeologist

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